PITTSBURGH®

16″ LASER LEVEL

WITH 360° ROTATING HEAD

Model 69259

SET UP AND OPERATING INSTRUCTIONS

Visit our website at: http://www.harborfreight.com

Read this material before using this product. Failure to do so can result in serious injury. SAVE THIS MANUAL.

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For technical questions or replacement parts, please call 1-800-444-3353.

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

IMPORTANT SAFETY INFORMATION

In this manual, on the labeling, and all other information provided with this product:

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠CAUTION

CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.

CAUTION

CAUTION, without the safety alert symbol, is used to address practices not related to personal injury.

General Safety Warnings

WARNING! Read all safety warnings and instructions. Save all warnings and instructions for future reference.

⚠ DANGER **Laser Light. Avoid direct eye exposure.**

1. **Do not direct the laser beam into the eyes of any person or animal.** Doing so may cause severe injury to the eye.
2. Verify Laser Level is in the "Off" position before making any adjustments or changing the batteries.
3. Position batteries in proper polarity and do not install batteries of different types, charge levels, or capacities together.
4. Remove batteries if Laser Level is not to be used for a long period of time.
5. The Laser Level is a delicate instrument; do not drop or jar the Laser Level.
6. Wear ANSI-approved safety goggles and heavy-duty work gloves during use.
7. Keep work area clean and well lit.
8. This product is not a toy. Keep it out of reach of children.

9. Keep children and bystanders away while operating Laser Level.

10. Inspect before every use; do not use if parts loose or damaged.

11. Stay alert, watch what you are doing and use common sense when operating Laser Level. Do not use Laser Level while you are tired or under the influence of drugs, alcohol or medication.

12. Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.

13. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

14. **WARNING:** This product contains or, when used, produces a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. (California Health & Safety Code § 25249.5, *et seq.*)

15. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

SAVE THESE INSTRUCTIONS.

SPECIFICATIONS

Laser Range	Projects Up to 1500 ft.
Max. Tripod Height	42″
Swivel Head Range	360°
Batteries	(2) AAA (included)

DANGER
LASER LIGHT
AVOID DIRECT EYE EXPOSURE
Max. Output: <5 mW,
Wavelength: 650 nm ± 10 nm
CLASS IIIa LASER PRODUCT
This product complies with
21 CFR 1040.10 and 1040.11
Diode Mfr.: Sean & Stephen Corp.
4F, NO3, Lane 335, Sec 4, Hsin-Yi Rd.
Taipen, China
Manufacture Date: _____, _____

UNPACKING

When unpacking, make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at 1-800-444-3353 as soon as possible.

INSTRUCTIONS FOR PUTTING INTO USE

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the Power Switch to Off before adjusting Laser Level..

Note: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

Assembly

1. Your Laser Level will require some assembly prior to use. Read entire manual to become familiar with product BEFORE you use the Laser Level. Be sure you have all parts described in the Parts List and Assembly Diagram located on the last page of this manual.

2. Unfold Tripod (15) by pulling out on the Tripod arms. Turn the Knob (17) to lock the arms in place. See Figure 1, below.

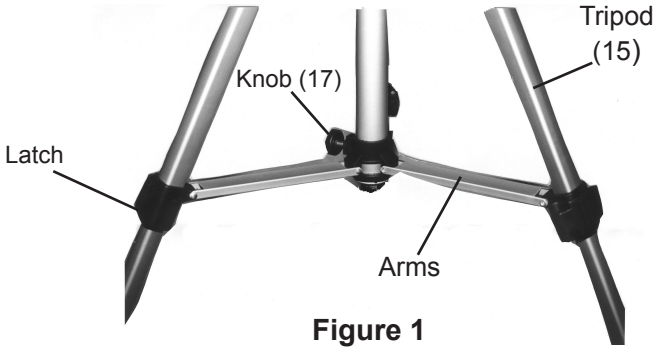


Figure 1

3. The legs of the Tripod can be raised or lowered by lifting the latch on the body of the Tripod and sliding the leg in or out to the desired height. Push the latch down into place to Lock the Leg in place. Repeat for the remaining two legs.

4. Set the Tripod on a flat surface. Once the Tripod (15) is set up, you can raise and lower the Rotating Head (7) by turning the Handle (18) located at the top of the Tripod. See Figure 2, below.

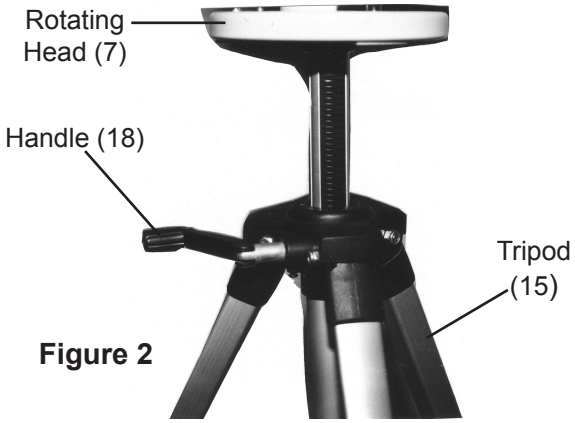


Figure 2

5. Wind the Handle clockwise to raise the Rotating Head and counterclockwise to lower the Rotating Head.

6. Set the Plastic Body (5) into the slot in the Tripod. See Figure 3, below. Tighten the Knob (14) on the top of the Tripod to secure the Plastic Body in place.

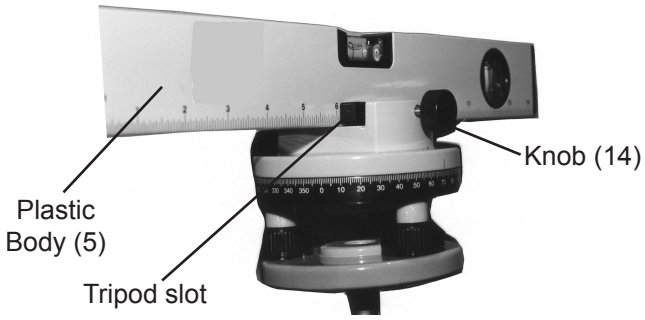


Figure 3

OPERATING INSTRUCTIONS

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Initial Leveling

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION: Turn Power Switch to Off before adjusting Level.

1. Turn the three Adjusting Knobs (16) one at a time to level the Rotating Head (7). See Figure 4, below.

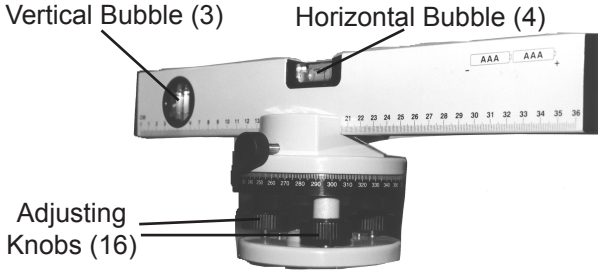


Figure 4

2. Keep turning the Adjusting Knobs (16) until the Bulls-Eye Bubbles (19) float exactly in the center of the circle. See Figure 5, below.

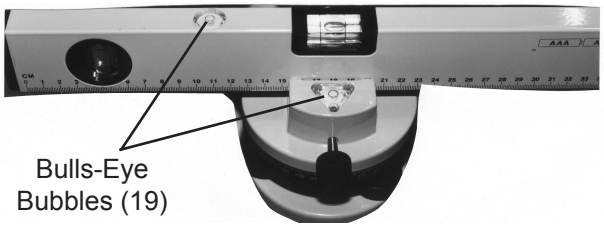


Figure 5

3. **NOTE:** The Bulls-Eye Bubbles (19) are intended for initial leveling of the Rotating Head (7) only. After placing the Plastic Body (5) into the tripod slot, further leveling should be done using the Horizontal Bubble (4) as a reference. See Figure 4 on preceding page.

General Operating Instructions

1. Designate a work area that is clean and well-lit. The work area must not allow access by children or pets to prevent distraction and injury.

NOTE: The numbers indicated in Figures 6a and 6b are for reference only. The Laser Level knobs are not numbered.

2. Set the level parallel to knobs '1' and '2' as shown in Figure 6a below. Adjust knobs '1' and '2' until the Horizontal Bubble (4) is in the center.

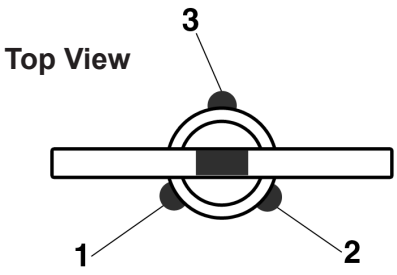


Figure 6a

3. Turn the level 90°. It should now be over knob '3' as shown in Figure 6b below.

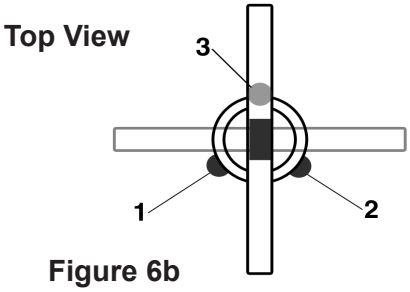


Figure 6b

4. Adjust knob '3' until the Horizontal Bubble (4) is again in the center.

5. Turn Level back 90°, to the position as shown in Figure 6b. The Horizontal Bubble (4) should still be in the center. If it is not, repeat the steps above. If, after repeated attempts, the Level is still uneven check all mountings to ensure nothing is loose and that the Plastic Body (5) is properly seated in tripod slot.

6. Once Laser Level is set in Tripod, you may set the laser to the type of beam you wish to use. The laser projects up to 1,500 feet. Set the Lens Fixture (11) "Down"; and this mode will fix the Level Laser beam to a beam splitter (-) mode. The beam splitter mode will project a horizontal line. Set the Lens Fixture (11) to the top mode and this mode will set the Laser Level beam to a dot. Turn the Laser Level "ON" by pressing the "ON/OFF" button (9).

7. **WARNING! Do not point the Laser Level at people or animals.**

8. Once you have leveled the Level Laser in the Tripod (15), you can use it for many applications. Rotating the Rotating Head (7) with the laser ON and set to the beam splitter (-) mode, you can set a line of equal height in a room to verify alignment of pictures, electrical plugs, or shelving. The Laser Level can also be used to set a level for any surface while providing a bright beam to mark your settings by.

MAINTENANCE AND SERVICING

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Turn the OFF the Laser Level before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Installing and Removing Batteries

1. Remove the Battery Cover (13) located under the On/Off Button (9). See Figure 7, below.

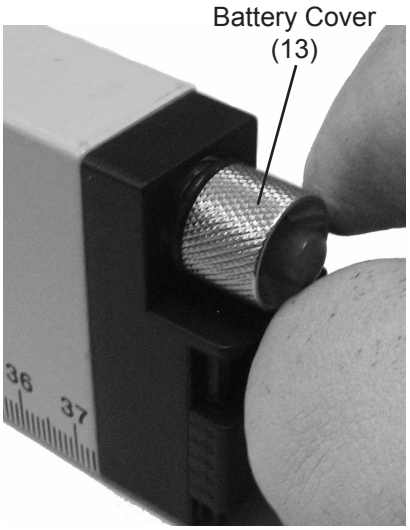


Figure 7

2. The Laser Level uses two (2) “AAA” batteries. Remove the old batteries and insert two new batteries. See Figure 8, below.

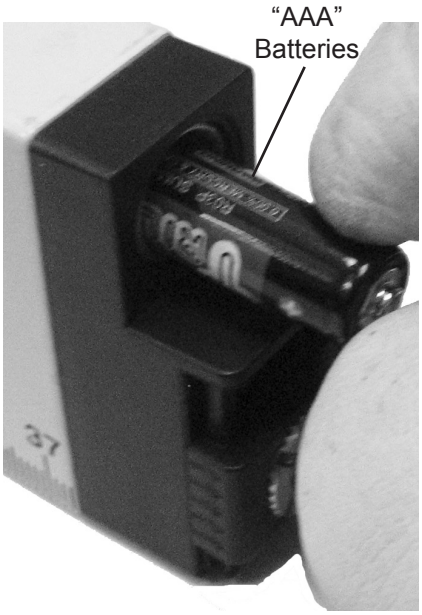


Figure 8

3. **WARNING!** Verify batteries are inserted according to indicated polarity (so that positive and negative ends match the diagram on the end of the Laser Level).

4. Replace the Battery Cover (13).To prevent accidents, turn off the tool and disconnect its power supply after use.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE,** inspect the general condition Laser Level. Check for loose hardware, misalignment or binding of moving parts, cracked or broken parts, and any other condition that may affect its safe operation.

2. **AFTER USE,** wipe external surfaces of the tool with clean cloth.

3. Store the Laser Level indoors and out of children’s reach.

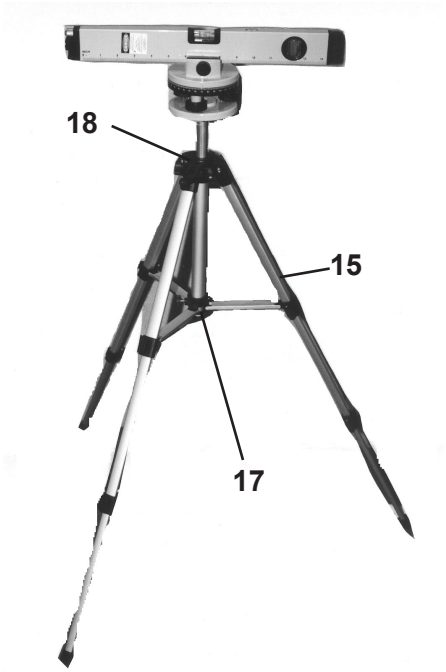
PLEASE READ THE FOLLOWING CAREFULLY

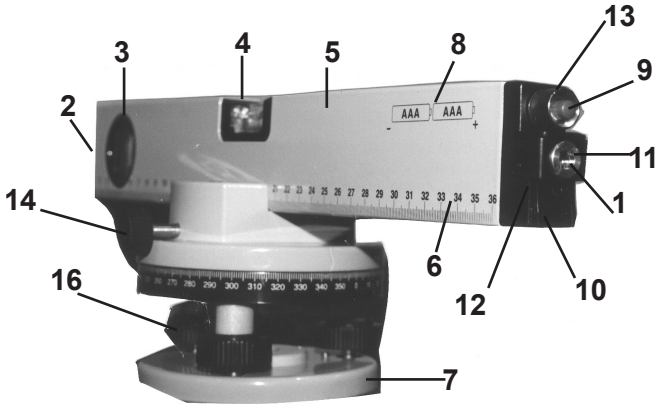
THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

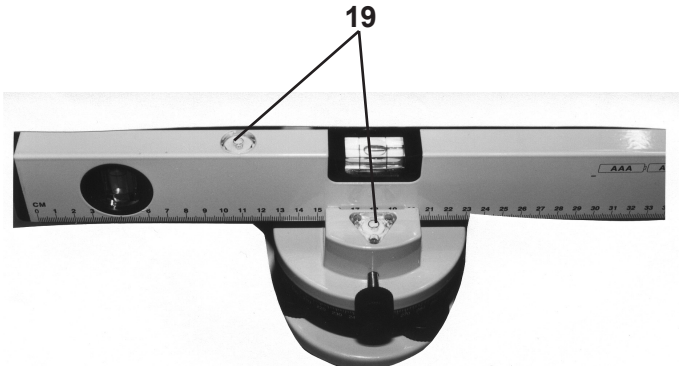
PARTS LIST AND ASSEMBLY DIAGRAM

Part	Description	Qty.
1	Laser Aperture	1
2	Back Cover	1
3	Vertical Bubble	1
4	Horizontal Bubble	1
5	Plastic Body	1
6	Level Modules	1
7	Rotating Head	1
8	Battery Spring	1
9	On/Off Button	1
10	Front Cover	1

Part	Description	Qty.
11	Lens Fixture	1
12	Fan Lens	1
13	Battery Cover	1
14	Knob	1
15	Tripod	3
16	Adjusting Knob	3
17	Knob	1
18	Handle	1
19	Bulls-Eye Bubble	2







Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

LIMITED 90 DAY WARRANTY

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

3491 Mission Oaks Blvd. • PO Box 6009 • Camarillo, CA 93011 • (800) 444-3353